

## ABSTRACT

This invention relates to a pressure balancer to associate with a mixer valve, comprising a balancer body which defines a chamber and a piston in said chamber. The chamber has a middle section between two side sections, where the middle section has a larger diameter than the side sections. The piston has an intermediate flange joined at opposite ends to two side flanges, where the intermediate flange has an external diameter compatible with that of the middle section of the chamber and features a peripheral seal on the inner surface of the middle section, and the side flanges each has a diameter corresponding to that of the side sections of chamber.